

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090438 Mode: Highway Status: Submitted

NC-24, NC-27

From/Cross Street: Courthouse West of NC 22

(Mcneill Street)

To: US 15/501

Length: 1.36

Specific Improvement Type: 1 - Widen Existing Roadway

Project Category: Regional Impact

TIP#: U-3628

Fully Funded in Draft STIP? No Cost to NCDOT: \$5,467,000

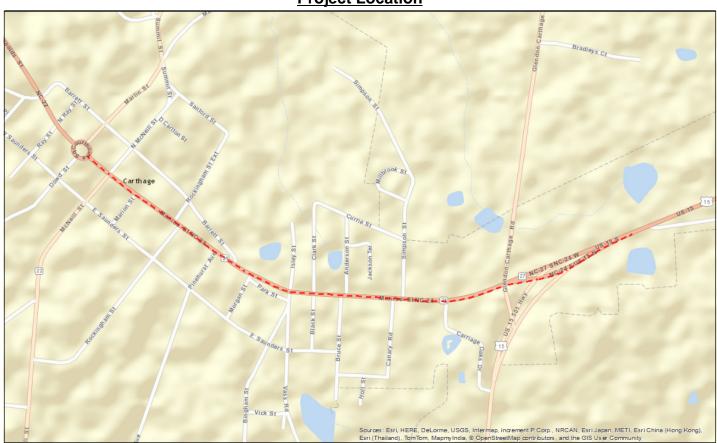
Description:

Courthouse West of NC 22 (Mcneill Street) to US 15/501. Widen to Three Lanes with Curb and Gutter. Tarpo Requests Additional Bicycle and Pedestrian Accommodations.

Division(s): Division 8 **County(s):** MOORE

MPOS(s)/RPO(s): Triangle Area RPO

Project Location



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Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 46.08

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) Safety (10%) [Travel Time] Benefit/Cost (25%) Accessibility / Connectivity (10%) Totals: Weight: 70% Weighted Score	49.53 25.06 0.00 11.93	Percent: 15% Points: 100	Percent: 15% Points: 100

Division Needs Total Score: 12.41

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (10%) [Travel Time] Benefit/Cost (20%) Totals: Weight: 50% Weighted Score	49.53 25.06 0.00 : 12.41	Percent: 25% Points: 0	Percent: 25% Points: 0

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Project Data *

Existing Conditions

Existing Cross-Section: 35 Speed Limit: 1.36 Length (miles); Facility Type: Arterial Access Control: None Functional Classification: **Major Collector** Terrain Type: Rolling Lane Width: 12 Paved Shoulder Width: Roadway has Curb & Gutter? No Volume (AADT): 11801.09 15800 Capacity: Volume/Capacity Ratio: 0.75 93% % Autos: 7% % Trucks: Truck Volume: 786.8 33 Crash Density: 20.95 Crash Severity: Critical Crash Rate: 21.25 0 Crash Frequency: 0 Severity Index: 3 County Tier Designation: Non-Interstate STRAHNET No Route? Average Commuting Time: 24 Existing Median Type (for Undivided Cost Estimation): Pavement Condition Rating: 66 Actual Congested Speed: 30.75 Travel Time Index: 1.14

Project Benefits

Project Cross-Section:	3C - 2 Lane with Two Way Left Turn Lane, Curb & Gutter, Bike Lanes, and Sidewalks
Speed Limit:	35
Length (miles):	1.36
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 8

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^{*} Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

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Project Ownership

Division

Division	Percent	Regional Impact	Division Needs
Division 8	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Triangle Area RPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$3,192,000	TIP Unit
Right-of-Way Cost:	\$2,031,000	Cost Estimation Tool
Utilities Cost:	\$244,000	Cost Estimation Tool
Total Project Cost:	\$5,467,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$5,467,000	

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